

Xin-Hua Zhao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fingertip-Inspired Highly Sensitive and Multifunctional Sensor with Hierarchically Structured Conductive Graphite/Polydimethylsiloxane Foams. <i>Advanced Functional Materials</i> , 2019, 29, 1808829.	14.9	157
2	Cation-Dependent Magnetic Ordering and Room-Temperature Bistability in Azido-Bridged Perovskite-Type Compounds. <i>Journal of the American Chemical Society</i> , 2013, 135, 16006-16009.	13.7	151
3	Multifunctional Sensor Based on Porous Carbon Derived from Metal-Organic Frameworks for Real Time Health Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3986-3993.	8.0	134
4	Spin canting, metamagnetism, and single-chain magnetic behaviour in a cyano-bridged homospin iron(II) compound. <i>Chemical Communications</i> , 2015, 51, 4360-4363.	4.1	66
5	Syntheses, structures, and magnetic properties of three new chain compounds based on a pentagonal bipyramidal Co(II) building block. <i>CrystEngComm</i> , 2016, 18, 4150-4157.	2.6	47
6	Spin Crossover in [Fe(2-Picolylamine) ₃] ²⁺ Adjusted by Organosulfonate Anions. <i>Inorganic Chemistry</i> , 2015, 54, 7857-7867.	4.0	41
7	Bioinspired, Self-Powered, and Highly Sensitive Electronic Skin for Sensing Static and Dynamic Pressures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 37239-37247.	8.0	36
8	Structural and magnetic tuning from a field-induced single-ion magnet to a single-chain magnet by anions. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 846-853.	6.0	31
9	Slow Magnetic Relaxation in One-Dimensional Azido-Bridged Co(II) Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 8058-8067.	4.0	28
10	Spin and valence isomerism in cyanide-bridged {Fe(II)} ₂ (M = Fe and Co) clusters. <i>Dalton Transactions</i> , 2021, 50, 9768-9774.	3.3	15
11	A trinuclear {Fe(II)} ₂ complex involving both spin and non-spin transitions exhibits three-step and wide thermal hysteresis. <i>Science China Chemistry</i> , 2022, 65, 532-538.	8.2	14
12	Spray printed conjugated polymer on tissue paper for highly sensitive pressure sensors. <i>Polymer International</i> , 2021, 70, 450-456.	3.1	12
13	Azido-Cyanide Mixed-Bridged Fe(III)-Ni(II) Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 16215-16224.	4.0	11
14	Desolvation-Induced Solvation-Induced Reversible On-Off Switching of Two Memory Channels in a Cobalt(II) Coordination Polymer: Overlay of Spin Crossover and Structural Phase Transition. <i>CCS Chemistry</i> , 2022, 4, 3064-3075.	7.8	9